

ABSTRACT OF THE DISCLOSURE

A gear drive assembly for internal combustion and heat engines requiring the conversion and transfer of reciprocal linear powered motion input into undirectional rotary output. A rack and pinion assembly having linear power input on the rack and a one-way friction clutch engageable by a pinion gear coupled with a concentric movement cam ring. Cam followers on the rack drive the linear motion input on its return non-power stroke imparting enhanced momentum input thereto.

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